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<b>Date:</b> January 3, 2005	<b>Pages:</b> 11 (including this sheet)
<b>From:</b> Steven R. Gilliam	<b>Senders Phone No.:</b> (512) 338-6300 <b>Senders Fax No.:</b> (512) 338-6301

**REGARDING:**

<b>Title:</b>	MAINTAINING A DOUBLE-ENDED QUEUE AS A LINKED-LIST WITH SENTINEL NODES AND DELETE FLAGS WITH CONCURRENT NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP PRIMITIVE		
<b>Application No.:</b> 09/547,290	<b>Filed:</b>	April 11, 2000	
<b>Examiner:</b> Lewis A. Bullock, Jr.	<b>Group Art Unit:</b>	2127	
<b>Atty. Docket No.:</b> 004-4664	<b>Confirmation No.:</b>	4986	

**ATTACHED HERETO:**

- (1) Response to Non-Final Action (8 pages);
- (2) Transmittal Letter (2 pages).

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that, on the date shown below, this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office.



Steven R. Gilliam

3-Jan-2005  
Date

Respectfully submitted,



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January 3, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450Applicant: Nir N. Shavit et al.  
Title: MAINTAINING A DOUBLE-ENDED QUEUE AS A LINKED-LIST WITH  
SENTINEL NODES AND DELETE FLAGS WITH CONCURRENT NON-  
BLOCKING INSERT AND REMOVE OPERATIONS USING A DOUBLE  
COMPARE-AND-SWAP PRIMITIVEApplication No.: 09/547,290 Filed: April 11, 2000  
Examiner: Lewis A. Bullock, Jr. Group Art Unit: 2127  
Atty. Docket No.: 004-4664 Conf. No.: 4986

Dear Sir:

Transmitted herewith are the following document(s) in the above-identified application:

- (1) Response to Non-Final Action (8 page(s))
- (2) This Transmittal Letter (2 page(s)) and Return Postcard

Fees:

n/a	\$0.00
n/a	\$0.00
<b>TOTAL FEE:</b>	<b>\$ 0.00</b>

- ☐ A check is enclosed for the Total Fee shown above.
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ZAGORIN, O'BRIEN &amp; GRAHAM, L.L.P.

Commissioner for Patents  
January 3, 2005  
RE: 09/547,290  
Page 2 of 2

**CERTIFICATE OF MAILING OR TRANSMISSION**

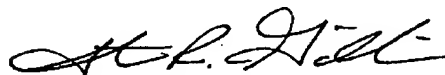
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Steven R. Gilliam

3-Jan-2005  
Date

Respectfully submitted,



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PATENT

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Applicant(s): Nir N. Shavit et al.

Title: MAINTAINING A DOUBLE-ENDED QUEUE AS A LINKED-LIST  
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NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A  
DOUBLE COMPARE-AND-SWAP PRIMITIVE

Application No.: 09/547,290

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Examiner: Lewis A. Bullock Jr.

Group Art Unit: 2127

Atty. Docket No.: 004-4664

Confirmation No.: 4986

January 3, 2005

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE TO NON-FINAL OFFICE ACTION**

This paper is responsive to the Non-Final Office Action mailed on October 5, 2004, having a shortened statutory period for response set to expire January 5, 2005. In light of the Amendments and/or Remarks herein, further examination is requested.